Claims

- A hook included in a lifting device, where the hook is 1. of the type where a lifting tool is placed in and released from the hook (1) through a hook opening (11), and where the hook (1) is provided with a locking bolt (15) arranged to be displaced in a bore (10) in the body (3) of the hook between a first position in which the hook opening (11) is open and a second position in which the hook opening (11) is closed, the locking bolt (15) being provided with a locking device (20, 25) arranged to prevent the locking bolt (15) from returning to the bore (10) in an uncontrolled manner, characterized in that a portion of the locking device (20, 25) is arranged to abut a portion of the body (3) of the hook outside the bore (10) when the locking bolt (15) is substantially in the second position, where the hook opening is closed.
- 2. A hook according to Claim 1, c h a r a c t e r i z e d i n that the locking device (20, 25) is constituted by a locking pawl (20) integrated and rotatably arranged in a recess (28) in the locking bolt (15), which locking pawl (20) is arranged to rotate about a locating point (39), whereby part of the locking pawl (20) is rotated into and out of the recess (28).
- 3. A hook according to Claim 2, c h a r a c t e r i z e d i n that rotation of the locking pawl (20) is effected by a spring device (18) arranged in the recess (28), which spring device (18) pre-tensions the free end portion of the locking pawl (20) so as to make it protrude from the recess (28).

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- 4. A hook according to Claim 1, c h a r a c t e r i z e d i n that the locking bolt (15) is spring loaded to abut a free end portion (13, 14) of the hook.
- 5. A hook according to any one of the preceding claims, c h a r a c t e r i z e d i n that the locking pawl (20) is arranged to be pushed into the locking bolt recess (28) by an applied resultant force that is opposite of the pre-tensioning force effected by the spring device (18).
- 6. A hook according to Claim 5, c h a r a c t e r i z e d i n that the locking pawl (20) is arranged to be driven into the locking bolt recess (28) by a force transferred from an actuating lever (9).
- 7. A hook according to Claim 5 or 6, c h a r a c t e r i z e d i n that the force is transferred from the actuating lever (9) via a rope (35) and the actuating pawl (25) arranged between the locking pawl (20) and the rope (35).
- 8. A hook according to Claim 6 or 7, c h a r a c t e r i z e d i n that the actuating lever (9) is substantially integrated into a slot (7) in the body (3) of the hook.
- 9. A hook according to any one of the preceding claims, c h a r a c t e r i z e d i n that some or all of the components of the hook (1) are made from corrosion resistant material(s).